

**REPORT OF  
THE GOVERNORS  
OF  
THE UNIVERSITY  
OF ALBERTA  
1969-70**



LE  
3  
A58  
1969/70

HSS ST



Ex LIBRIS  
UNIVERSITATIS  
ALBERTAENSIS



[REDACTED]  
of Reference

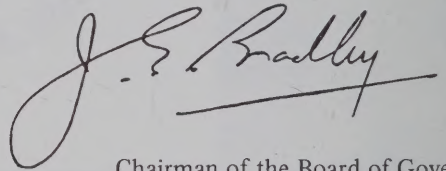
[REDACTED]



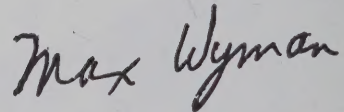
Report of the Governors  
of  
The University of Alberta  
1969-70

## To the Universities Commission

*Sirs*, On behalf of the Governors of The University of Alberta, and in accordance with the provisions of *The Universities Act*, we have the honor to transmit the annual report of The University of Alberta for the fiscal year ending March 31, 1970, and the academic year ending June 30, 1970.

A handwritten signature in dark ink, reading "J. E. Bradley". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the name.

Chairman of the Board of Governors

A handwritten signature in dark ink, reading "Max Wyman". The signature is cursive, with the first letters of each word being capitalized and prominent.

President

January, 1971

## Foreword

The work of The University of Alberta during the past year is set out on the following pages. The material presented here has been requested by the Alberta Universities Commission in accordance with *The Universities Act*.

The University follows the practice of the Government of Alberta in ending its financial year on March 31; however, the academic work of the University is organized according to a year ending June 30, and the reader may assume that references in this report are to the University year, except where indicated.

A great many of the University's officers have assisted in the preparation of this report, and their labors are gratefully acknowledged.

Cover photograph – Central Academic Building, under construction during 1969-70.

*The Report of the Governors is compiled for the Office of the President by the University Publications Office. Typesetting and page preparation were done by the University Publications Office. Presswork was done by the Printing Department.*

Copyright 1971 The University of Alberta.

2203880

# Governors of The University of Alberta

Members of the Board of Governors of The University of Alberta at the close of the University year, June 30, 1970, are listed below.

## *Chairman*

John E. Bradley

Edmonton

## *Statutory Members*

*President of the University:* Max Wyman

*Chancellor of the University:* (vacant, following the death of F. P. Galbraith on May 16, 1970)

## *Representatives of the Alumni Association*

B. C. Whittaker

Edmonton

D. C. Ritchie

Edmonton

## *Representative of the Senate*

A. D. McTavish

Edmonton

## *Representatives of the academic staff of the University*

H. T. Coutts

Dean of Education

E. J. Hanson

Professor of Economics

## *Representatives of the Students' Union*

Timothy J. Christian

President, the Students' Union

Donald McKenzie

## *Representative of Graduate Students' Association*

Werner Schmidt

## *Other appointed members*

R. K. Banister

Edmonton

Louis A. Desrochers

Edmonton

(Mrs.) Dora McCulloch

Edmonton

J. K. McIntosh

Grande Prairie

Lucien Maynard

Edmonton

D. K. Yorath

Edmonton



# Contents

<i>Statement A</i> Balance sheet . . . . .	6
<i>Statement B</i> Statement of operating surplus . . . . .	8
<i>Statement C</i> Statement of capital surplus . . . . .	8
<i>Statement D</i> Statement of revenue and expense . . . . .	9
<i>Statement E</i> Statement of long term debt . . . . .	10
<i>Statement F</i> Statement of reserves . . . . .	12
<i>Statement G</i> Statement of academic pension fund operations . . . . .	11
<i>Statement H</i> Statement of capital provided by the Government of the Province of Alberta . . . . .	11
Notes to the financial statements . . . . .	12
Auditor's report . . . . .	14
<i>Table 1</i> Comparative statement of operating expenditures . . . . .	15
<i>Table 2A</i> Statement of capital receipts, expenditures and unexpended funds . . . . .	16
<i>Table 2B</i> Schedule of capital account expenditures . . . . .	18
<i>Table 3</i> Ten year comparative statement of transactions on capital account . . . . .	20
<i>Table 4</i> Physical facilities . . . . .	22
<i>Table 5</i> Statement of transactions in special trust funds . . . . .	20
<i>Table 6</i> Statement of source of special funds for research . . . . .	24
<i>Table 7</i> Statement of tuition and other student fees . . . . .	26
<i>Table 8</i> Student aid provided by the University . . . . .	25
<i>Table 9</i> Enrolment of full-time students, Winter Session . . . . .	28
<i>Table 10</i> Enrolment of part-time students . . . . .	30
<i>Table 11</i> Enrolment of full-time graduate students . . . . .	30
<i>Table 12</i> Enrolment, 1959-60 to 1969-70 . . . . .	32
<i>Table 13</i> Full-time enrolment by level of program and by faculty or school . . . . .	32
<i>Table 14</i> Enrolment of full-time students by home address . . . . .	34
<i>Table 15</i> Degrees and diplomas awarded . . . . .	35
<i>Table 16</i> Courses offered . . . . .	36
<i>Table 17</i> Number of faculty members in faculties and schools . . . . .	36
<i>Table 18</i> Comparative analysis of faculty and staff . . . . .	38
<i>Table 19</i> Miscellaneous faculty data . . . . .	39
<i>Table 20</i> Library data . . . . .	39
Report of the President . . . . .	40

# Statement A: Balance sheet as at March 31, 1970

Comparative figures are given as at March 31, 1969.

(All figures in thousands of dollars)

## OPERATING FUNDS

### Assets

#### Current:

Cash on hand, in bank and treasury branch	\$ 4,736	\$ 600
Short term bank deposits	6,000	12,312
Investment in provincial debentures at par, maturing October 1, 1969	100	
Accounts receivable:		
Sundry debtors, less allowance for doubtful accounts	1,345	1,167
Government of the Province of Alberta	185	347
Government of Canada	91	188
Accrued interest	152	255
Merchandise held for resale	719	882
Prepaid expenses:		
Supplies on hand	618	766
Unexpired insurance	6	
Due from trust funds		65

#### Total current assets

13,952 16,582

#### Other:

Livestock	65	87
Deposit, Workmen's Compensation Board	25	25
	<u>\$ 14,042</u>	<u>\$ 16,694</u>

## CAPITAL FUNDS

### Assets

Loans receivable, Students' Union re building contributions (see contra, Statement E)	\$ 3,646	\$ 3,589
Fixed assets: (Note 1)		
Land, buildings and plant	124,498	137,302
Furnishings and equipment	41,044	47,812
Due from operating funds (Note 2)	3,776	4,996
	<u>\$172,964</u>	<u>\$193,699</u>

## TRUST FUNDS

### Assets

Cash on hand and in bank	\$ 825	\$ 1,778
Short term notes and certificates	2,350	10
Loans receivable	99	100
Accrued interest	36	210
Investments—long term, at amortized cost (approximate market value, (1969, \$25,392 : 1970, \$25,840) (Notes 3 and 4)	24,652	30,944
Due from operating funds	139	

\$ 28,101 \$ 33,042

## TOTAL

\$215,107 \$243,435

The accompanying notes are part of these financial statements.



	1969	1970
<i>Liabilities</i>		
Current:		
Bank indebtedness		\$ 693
Accounts payable and accrued liabilities	\$ 4,942	5,461
Accrued interest	196	194
Prepaid housing, tuition and other fees	237	255
Due to trust funds	139	
Due to capital funds	3,776	4,996
Total current liabilities	9,290	\$11,599
Reserves, Statement D	1,234	1,675
Operating Surplus, Statement C	3,518	3,420

<u>\$14,042</u>	<u>\$16,694</u>
-----------------	-----------------

<i>Liabilities</i>		
Long term debt, Statement E	\$ 14,085	\$ 15,031
Capital and capital surplus:		
Capital provided by the Government of the Province of Alberta, Statement F (Note 6)	135,319	149,368
Capital surplus, Statement G	23,560	29,300
	<u>\$172,964</u>	<u>\$193,699</u>

<i>Liabilities</i>		
Killam estate:		
Endowment	\$ 12,781	\$ 13,881
Expendable	407	962
Rockefeller Foundation endowment	500	500
Scholarships	1,157	1,246
Faculties and departments	487	723
Research	3,930	3,856
Grants and loans	152	156
General purposes	1,492	2,245
Academic pension fund, Statement H	6,103	8,496
Students' Unions	868	761
Held on behalf of others	224	151
Due to operating funds		65
	<u>\$ 28,101</u>	<u>\$ 33,042</u>
	<u>\$215,107</u>	<u>\$243,435</u>

This is the Balance Sheet referred to in my report  
of August 19, 1970, addressed to the Board of Governors.  
C.K. HUCKVALE, FCA, Provincial Auditor

*Statement B: Statement of operating surplus for the year ended March 31, 1970*

(All figures in thousands of dollars)

Balance, as at March 31, 1969		\$ 3,518
Add:		
Proceeds from disposal of equipment	\$ 28	
Net departmental deficits transferred to reserves, Statement F	<u>29</u>	
		57
Deduct:		
Deficit for the year	92	
Garneau properties net revenue transferred to capital surplus (Note 5)	<u>63</u>	
		155
Balance, as at March 31, 1970		<u>\$ 3,420</u>

*Statement C: Statement of capital surplus for the year ended March 31, 1970*

(All figures in thousands of dollars)

Balance, as at March 31, 1969		\$ 23,560
Add:		
Capital assets provided from:		
Operating funds	\$ 1,496	
Trust and research funds	1,260	
Hospitalization Benefits Plan re the Provincial Laboratories of Public Health	60	
Garneau properties, net revenue	63	
Donations from the Three Alberta Universities Capital Fund	915	
Miscellaneous sales tax recovered	1	
Sundry donations	<u>1</u>	
	3,796	
Interest *	419	
Federal Health Resources Fund contributions to Clinical Sciences Building costs transferred from capital provided by the Government of the Province of Alberta	1,527	
Mortgage principal repayments	<u>42</u>	
	5,784	
Deduct buildings demolished and written off	<u>44</u>	
		5,740
Balance, as at March 31, 1970		<u>\$ 29,300</u>

\* See Table 2A.



*Statement D: Statement of revenue and expense for the year ended March 31, 1970*

*Comparative figures are given as at March 31, 1969.*

*(All figures in thousands of dollars)*

	1969	1970
Revenue		
Grants:		
Alberta Universities Commission	\$ 37,338	\$ 43,533
Less Payment to colleges	<u>38</u>	<u>47</u>
	37,300	43,486
Government of Canada -		
Vocational education students	<u>150</u>	<u>95</u>
	37,450	43,581
Fees:		
General	7,345	8,371
Special	50	61
Interest on Rockefeller Foundation endowment, net		
of transfer to medical research trust (Note 7)	10	
Killam estate, appropriated earnings	310	310
Grants in aid	60	70
Interest, net	845	1,041
	<u>46,070</u>	<u>53,434</u>
Expense, net		
Faculties and schools	29,638	36,489
Indirect instructional	1,347	1,430
Library	3,314	4,295
Plant maintenance	4,781	5,779
Student services	615	592
Public service departments	554	672
Administrative departments	1,936	2,576
Miscellaneous expense	1,341	1,593
Operating departments	(111)	100
	<u>43,415</u>	<u>53,526</u>
(Deficit), surplus for the year	<u>\$ 2,655</u>	<u>\$ (92)</u>

*Statement E: Statement of long term debt as at March 31, 1970*

*Comparative figures are given as at March 31, 1969.*

*(All figures in thousands of dollars)*

Final Maturity Date	Rate of Interest	Original Advance	Amount Outstanding	
			1969	1970
Mortgages payable:				
July 1, 2000 (a)	6½%	\$ 1,027		\$ 1,027
July 1, 2014 (b)	5-1/8%	3,300	\$ 3,224	3,205
April 1, 2018 (c)	5-7/8%	4,500	4,485	4,469
November 1, 2018 (d)	6¼%	2,250	2,230	2,241
Debentures payable, Province of Alberta:				
May 31, 1970 (e)			21	10
June 30, 1999 (f)	5½%	3,625	3,625	3,579
Advance from the Provincial Treasurer (g)		500	500	500
			\$ 14,085	\$ 15,031

- (a) Mortgage to finance construction of Car Park I, shown in the amount advanced plus interest on advances to March 31, 1970.
- (b) Mortgage to finance construction of food services building and student residences, repayable in monthly instalments of principal and interest, guaranteed by the Province of Alberta.
- (c) Mortgage to finance construction of married student housing, repayable in monthly instalments of principal and interest.
- (d) Mortgage to finance construction of a student residence, repayable in monthly instalments of principal and interest.
- (e) Balance payable is the final interest free instalment in consideration of funds provided for construction of the original Students' Union Building.
- (f) University of Alberta debenture to finance construction of the new Students' Union building, repayable in annual instalments of principal and interest.
- (g) Advance to finance construction of student residences and food services building.

*Statement F: See pages 12 and 13.*



*Statement G: Statement of academic pension fund operations for the year ended March 31, 1970*

*(All figures in thousands of dollars)*

Balance, as at March 31, 1969			\$ 6,103
Revenue			
Contributions:			
Staff members	\$ 1,229		
Universities	<u>1,223</u>		
		\$ 2,452	
Interest and dividends:			
Credited to staff members' accounts	313		
Undistributed	<u>77</u>		
		<u>390</u>	
		2,842	
Expense			
Pensions	151		
Payments to staff members leaving service	232		
Payments to beneficiaries	<u>13</u>		
		<u>396</u>	
Net revenue before capital losses		2,446	
Deduct realized capital losses, net		<u>53</u>	
			<u>2,393</u>
Balance as at March 31, 1970			<u>\$ 8,496</u>

*Statement H: Statement of capital provided by the Government of the Province of Alberta for the year ended March 31, 1970*

*(All figures in thousands of dollars)*

Balance, as at March 31, 1969			\$ 135,319
Add:			
Funds received from the Alberta Universities Commission			<u>16,000</u>
			151,319
Deduct:			
Federal Health Resources Fund contribution to Clinical Sciences Building costs	\$ 1,527		
Sales tax recovered by the Department of Public Works		170	
Buildings demolished and written off		254	
			<u>1,951</u>
Balance, as at March 31, 1970			<u>\$ 149,368</u>

Notes to the Financial Statements  
March 31, 1970

(All figures in thousands of dollars)

- 1 Buildings, plans, furnishings and equipment are stated in the Balance Sheet at original cost. No provision has been made for depreciation. An independent appraisal of these assets completed during the year ended March 31, 1950 and a subsequent independent appraisal of buildings, completed during the year ended March 31, 1967, indicated that values had been maintained through repairs and renewals, which have been financed from revenue and reserve funds. Buildings in the course of construction have been included in the assets of the University to the extent of construction costs incurred to March 31, 1970.
- 2 Due from operating funds, \$4,996, represents unexpended capital funds in the form of short term bank deposits held with operating funds. The source of these funds is as follows:

Capital provided by the Government of the Province of Alberta	\$ 2,433
Capital surplus	2,624
	<u>5,057</u>
Less expenditure in excess of mortgage draws	61
	<u>\$ 4,996</u>

3 Trust investments consist of:

	Amortized cost value	Market value
Government of Canada bonds, direct and guaranteed	\$ 214	\$ 201
Provincial debentures, direct and guaranteed	1,751	1,331
Municipal debentures	54	41
Corporation debentures	1,796	1,557
Convertible corporate debentures	7,475	5,940
Preferred shares	528	426
Convertible preferred shares	374	370
Common shares	16,602	13,824
Mortgages receivable	77	77
Advances on mortgage bonds	2,073	2,073
	<u>\$ 30,944</u>	<u>\$ 25,840</u>

Statement F: Statement of reserves  
for the year ended March 31, 1970

(All figures in thousands of dollars)

Operating
Bookstore
Housing and food services
Married student housing
Printing and duplicating services
Vehicle pool and garage
Equipment replacement
Bookstore
Food services
Housing
Married student housing
Printing and duplicating services
Other
Federal aid funds, unexpended
Library funds, unexpended
Parking operations
Provincial Laboratories of Public Health
Workmen's compensation

- 4 The University of Alberta has a contractual obligation, on behalf of the Academic Pension Fund, to purchase National Housing Act First Mortgage Bonds, 8¼% and 9¼%, with a face value of \$1,650, in equal monthly instalments in the amount of \$80. Instalments including interest thereon amounted to \$1,046 as at March 31, 1970.
- 5 For the current year, net revenue from Garneau Properties, totalling \$63, has been shown in the Statement of Revenue and Expense (included with Operating departments, Expense, net) with the subsequent transfer to Capital Surplus being made from Operating Surplus. For the year ended March 31, 1969, net revenue totalling \$71, was credited to Garneau Properties Reserve which, included in on aggregate amount in reserve of \$311, was transferred to Capital Surplus.



Reserves as at April 1, 1969	ADD				DEDUCT	Reserves as at March 31, 1970
	Transfers from Operating Surplus (Statement B)	Provisions charged to Operations Equipment replacement	Other	Interest	Charges to Reserves	
\$ (16)	\$ (77)			\$ (1)		\$ (94)
108	(133)			6		(19)
84	(10)			4		78
22	44			1		67
	1					1
		\$ 10		7		10
130		64		5		201
107		27		2		139
37		37		2		76
43		50				95
83				4		87
291			\$ 254			545
	146					146
295						295
50			50		\$ 52	48
<u>\$ 1,234</u>	<u>\$ (29)</u>	<u>\$ 188</u>	<u>\$ 304</u>	<u>\$ 30</u>	<u>\$ 52</u>	<u>\$ 1,675</u>

6 Funds received from the Three Alberta Universities Capital Fund to the extent that they represent donations to the Capital Fund, are eligible for matching by the Province of Alberta when expended on approved capital projects.

7 The earnings of the Rockefeller Foundation Endowment which were previously credited to operating revenue and the Medical Research Trust Fund are now credited in total to the Medical Research Fund.

8 The University of Alberta has a contingent liability of approximately \$18, in respect to guarantees given to secure bank loans to assist faculty members in purchasing homes.

## Auditor's Report

*The following report, dated August 19, 1970, and addressed to the Board of Governors, has been received from the Provincial Auditor.*

I have examined the Balance Sheet and the Statements of Long Term Debt of The University of Alberta as at March 31, 1970, and the statements of Operating Surplus, Capital Provided by the Government of the Province of Alberta, Capital Surplus, Revenue and Expense, Reserves and Academic Pension Fund Operations for the year then ended. My examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as I considered necessary in the circumstances.

In my opinion these financial statements present fairly the financial position of the University as at March 31, 1970, and the results of its operations for the year then ended, in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

C. K. HUCKVALE, FCA  
Provincial Auditor

*The statements on the preceding pages all form part of the Public Accounts of Alberta, and are certified by the Provincial Auditor. This certification does not cover the tables on the following pages.*



*Table 1: Comparative statement of operating expenditures*

<i>Items of expenditure</i>	<i>1965-66</i>	<i>1966-67</i>	<i>1967-68</i>	<i>1968-69</i>	<i>1969-70</i>
Faculties and schools	\$ 15,570,086	\$ 19,483,807	\$ 24,215,056	\$ 29,638,234	\$ 36,489,183
Indirect instructional	469,888	730,674	1,180,393	1,346,553	1,430,165
Libraries	1,415,271	2,222,222	3,012,782	3,314,100	4,295,386
Plant maintenance	2,613,087	3,147,856	3,883,723	4,781,339	5,778,406
Student services	348,061	410,647	531,881	614,814	592,369
Administration	792,416	1,000,887	1,403,507	1,935,808	2,575,716
Miscellaneous	327,936	474,405	1,268,722	1,340,964	1,592,869
Public service, net	405,343	393,571	474,833	553,685	671,711
Operating departments, net	96,329	210,327	122,295	(110,788)	100,107
Total	\$ 22,038,417	\$ 28,074,396	\$ 36,093,192	\$ 43,414,709	\$ 53,525,912
Total expenditures per full-time student	\$ 2,145	\$ 2,444	\$ 2,771	\$ 2,860	\$ 3,084

*NOTE:* For the year 1965-66 direct expenditures pertaining to what is now The University of Calgary have been omitted.

*Table 2A: Statement of capital receipts, expenditures and unexpended funds for the year ended March 31, 1970*

	Unexpended as at March 31, 1970	Add	
		Receipts	Interest
Capital provided by the Government of the Province of Alberta, Statement H			
Alberta Universities Commission	\$ 2,374,557	\$ 16,000,000	
Alberta Universities Commission, matching grants	55,000		
Department of Public Works		40	
	<u>2,429,557</u>	<u>16,000,040</u>	
Capital Surplus, Statement C			
Capital assets provided from:			
Operating funds		1,496,583	
Trust and research funds		1,259,634	
Hospitalization Benefits Plan re the Provincial Laboratories of Public Health		59,676	
Reserves:			
Garneau properties	312,598	63,156	15,630
Land exchange	305,734		15,287
Beef Barn	84,615		
Other:			
Three Alberta Universities Capital Fund		915,000	18,962
Interest	310,329		368,669
Miscellaneous sales tax recoveries	79,633	1,358	
Sundry donations	62,707	867	
Prior years' surplus	112,483		
	<u>1,268,099</u>	<u>3,796,274</u>	<u>418,548</u>
Long term debt			
Central Mortgage and Housing Corporation loans	93,514	17,900	
Consolidated trust fund loan re Car Park I	(14,933)	1,027,425	
Killam trust fund loan re Car Park II			
	<u>78,581</u>	<u>1,045,325</u>	
Total	<u>\$ 3,776,237</u>	<u>\$ 20,841,639</u>	<u>\$ 418,548</u>



<i>Total Funds Available</i>	<i>Deduct Expenditures (Table 2B)</i>		<i>Total</i>	<i>Unexpended as at March 31, 1969</i>
	<i>Land, Buildings and Plant</i>	<i>Furnishings and Equipment</i>		
\$ 18,374,557	\$ 11,720,117	\$ 4,276,982	\$ 15,997,099	\$ 2,377,458
55,000				55,000
40		40	40	
<u>18,429,597</u>	<u>11,720,117</u>	<u>4,277,022</u>	<u>15,997,139</u>	<u>2,432,458</u>
1,496,583		1,496,583	1,496,583	
1,259,634	400,000	859,634	1,259,634	
59,676		59,676	59,676	
391,384				391,384
321,021				321,021
84,615				84,615
933,962				933,962
678,998				678,998
80,991				80,991
63,574	68	42,547	42,615	20,959
112,483				112,483
<u>5,482,921</u>	<u>400,068</u>	<u>2,458,440</u>	<u>2,858,508</u>	<u>2,624,413</u>
111,414	79,366	32,048	111,414	
1,012,492	1,056,341		1,056,341	(43,849)
	17,375		17,375	(17,375)
<u>1,123,906</u>	<u>1,153,082</u>	<u>32,048</u>	<u>1,185,130</u>	<u>(61,224)</u>
<u>\$ 25,036,424</u>	<u>\$ 13,273,267</u>	<u>\$ 6,767,510</u>	<u>\$ 20,040,777</u>	<u>\$ 4,995,647</u>

Table 2B: Schedule of capital account expenditures for the year ended March 31, 1970 (included in Table 2A)

18

	Expenditures
LAND, BUILDINGS, AND PLANT	
Arts II, phase I planning	\$ 26,292
Basic Medical Sciences phase I	755,901
Biological Sciences Phase I	1,228,248
Biological Sciences Phase II	642,499
Biological Sciences Phase IIA	2,001,927
Biological Sciences Phase III	436,523
Business Administration planning	9
Cameron Library, North Wing	795,401
Car Park I	1,056,341
Car Park II	17,375
Central Academic Building	1,122,927
Chemistry II, planning	65,327
Clinical Sciences	(92,648)
Education II Phase I planning	49,445
Engineering Centre Phase I	40,516
Engineering Centre Phase II planning	34,643
Fine Arts I planning	110,690
North Garneau Food Services planning	1,800
Garneau Properties	1,072,034
General Services	105
Law Centre	398,126
Michener Park Phase I	74,830
Michener Park Phase II planning	93,495
MacKenzie Hall	(2,882)
Off-campus Developments	
Agriculture Farm Developments	77,053
Genetics Research Station	9,600
Laboratory Animal Facilities	105,049
Physical Education	1,863,219
Rutherford Library II planning	33,982
Students' Union	881
University Hall alterations	758
Planning costs, general	100,477
Alterations to buildings	768,478
Paving, landscaping, etc	384,846
Total disbursements	<u>13,273,267</u>
Deduct:	
Boreal Institute demolished	67,806
Janitor's Garage demolished	1,275
Maintenance Garage demolished	23,156
Machine Shop demolished	73,065
Storage Garages demolished	10,254
Stores building demolished	50,424
Works Building demolished	71,963
Sales Tax recoveries by the Department of Public Works	170,705
	<u>468,648</u>
Change in land, buildings and plant, net	<u>\$ 12,804,619</u>
FURNISHINGS AND EQUIPMENT	
Furnishings	\$ 1,263,948
Equipment	3,087,629
Equipment from research funds	859,634
Library books	1,496,583
Provincial Laboratories of Public Health	59,716
	<u>\$ 6,767,510</u>



Expenditures by source <sup>1</sup>

Alberta Universities Commission	Province of Alberta	C.H.M.C. Loans	Other sources	
			Amount	Description
\$ 26,292				
755,901				
1,228,248				
642,499				
1,601,927			\$ 400,000	National Research Council
436,523				
9				
795,333			68	Canada Council
			1,056,341	Loan - trust interest
			17,375	Loan - Killam Funds
1,122,927				
65,327				
(92,648)				
49,445				
40,516				
34,643				
110,690				
1,800				
1,072,034				
105				
398,126		\$ 74,830		
93,495		(2,882)		
77,053				
9,600				
105,049				
1,863,219				
33,982				
881				
758				
100,477				
768,478				
377,428		7,418		
<u>11,720,117</u>		<u>79,366</u>	<u>1,473,784</u>	
\$ 1,231,900		\$ 32,048	\$ 42,547	\$35,000 Muttart Foundation
3,045,082				\$ 7,547 Killam Funds
			859,634	Grants
			1,496,583	Income
	\$ 40		59,676	Income
<u>\$ 4,276,982</u>	<u>\$ 40</u>	<u>\$ 32,048</u>	<u>\$ 2,458,440</u>	

1. These figures do not include unexpected funds.

*Table 3: Ten year comparative statement of transactions on capital account*

<i>Financial year</i>	<i>Expenditures</i>
1960-61	\$ 7,859,437
1961-62	4,673,652
1962-63	10,470,766
1963-64	10,758,307
1964-65	5,622,160
1965-66	11,842,679
1966-67	21,795,593
1967-68	37,325,601
1968-69	25,911,127
1969-70	20,040,777
Total	\$156,300,099
Fixed assets, at cost, as at March 31, 1970:	
Land, buildings and plant	\$ 137,302,384
Furnishings and equipment	47,812,042
Total	\$ 185,114,426

*Table 4:  
see pages 22 and 23*

*Table 5: Statement of transactions in special trust funds for the year ended March 31, 1970*

	<i>Balance March 31, 1969</i>
General endowments:	
Killam Estate	\$13,187,625
Rockefeller Foundation	500,000
Scholarships (Escheated Estates)	83,760
(Other)	1,073,463
Faculties and departments	486,785
Research	3,930,254
Grants and loans	152,021
General purposes	1,492,558
Academic pension plan, Statement G	6,102,616
Students' Union	867,822
Held on behalf of others	224,377
	<u>\$28,101,281</u>
Due to operating funds	



*Expenditure by source of funds <sup>1</sup>*

<i>Alberta Universities Commission</i>	<i>Province of Alberta grants</i>	<i>Loans</i>	<i>Reserves and other sources</i>	<i>Current revenue</i>
	\$ 7,118,105	\$ 300,000	\$ 290,420	\$ 150,912
	4,263,061		223,834	186,757
	7,641,061	1,811,605	744,663	273,437
	6,243,691	1,848,708	2,287,471	378,437
	4,412,070	139,687	641,975	428,428
	10,939,202		345,630	557,847
	20,314,397		618,259	862,937
	27,445,788	5,136,524	2,950,973	1,792,316
\$ 21,875,443	278,869	1,502,062	1,102,234	1,152,519
15,997,099	40	1,185,130	1,302,249	1,556,259
\$ 37,872,542	\$ 88,656,284	\$11,923,716	\$10,507,708	\$7,339,849

1. These figures do not include unexpected funds.

*Note:* For the years before 1966-67 direct expenditures pertaining to what is now the University of Calgary have been omitted.

21

<u>ADD</u>			<u>DEDUCT</u>	<i>Balance March 31, 1970</i>
<i>New Contributions</i>	<i>Interest</i>	<i>Inter-Trust Transfers <sup>1</sup></i>	<i>Expenditures</i>	
\$ 1,100,320	\$1,308,809		\$ 753,838	\$14,842,916
	25,000	\$ (25,000)		500,000
41,926	4,195		41,260	88,621
765,117	54,240	(26,247)	709,306	1,157,267
353,689	27,482	22,685	205,550	723,599
7,599,525	24,543	(121,410)	7,577,393	3,855,519
88 <sup>2</sup>	5,441		1,456 <sup>2</sup>	156,094
1,752,319	14,884	151,456	1,166,282	2,244,935
2,452,239	336,539 <sup>3</sup>		395,690	8,495,704
1,136,406	23,262		1,266,705	760,785
415,793	4,521	(1,484)	453,199	151,500
<u>\$15,617,422</u>	<u>\$1,828,916</u>	<u>\$ NIL</u>	<u>\$12,570,679</u>	<u>32,976,940</u>
				65,257
				<u>\$33,042,197</u>

1. This column isolates the net effect of non revenue and non expenditure transfers between trust accounts.

2. Excludes granting and repayment of loans of \$110,568 and \$109,244 , respectively.

3. Net interest - shown on Statement G as interest and dividends less realized capital loss.

Table 4: Physical Facilities

	1968-69	1969-70
A. Amount of building space		
1. Net Assignable:		
(a) In square feet		
(i) Non-residential		
Owned	2,046,333	2,259,484
Rented	<u>26,363</u>	<u>23,215</u>
Total Non-residential	2,072,696	2,282,699
(ii) Residential & other	<u>705,293</u>	<u>743,521</u>
(iii) Total square feet	<u><u>2,777,989</u></u>	<u><u>3,026,220</u></u>
(b) In square feet per full-time daytime student		
(i) Non-residential		
Owned	134	130
Rented	<u>2</u>	<u>1</u>
Total Non-residential	136	131
(ii) Residential & other	<u>46</u>	<u>43</u>
(iii) Total square feet per student	<u><u>182</u></u>	<u><u>174</u></u>
2. Gross Space:		
(a) In square feet		
(i) Non-residential		
Owned	3,366,624	3,736,265
Rented	<u>37,550</u>	<u>31,250</u>
Total Non-residential	3,404,174	3,767,515
(ii) Residential & other	<u>1,216,298</u>	<u>1,213,046</u>
(iii) Total square feet	<u><u>4,620,472</u></u>	<u><u>4,980,561</u></u>

	1968-69	1969-70
(b) In square feet per full-time daytime student		
(i) Non-residential		
Owned	222	215
Rented	<u>2</u>	<u>2</u>
Total Non-residential	224	217
(ii) Residential & other	<u>80</u>	<u>70</u>
(iii) Total square feet per student	<u>304</u>	<u>287</u>
B. University Acreage		
Land owned in Edmonton		
Main campus	154	148.62
Garneau addition	24	28.00
Michener Park	16	16.00
University Farm	<u>682</u>	<u>672.66</u>
Land outside Edmonton (used mainly for agricultural research)		
Owned outside the University	511	517.62
Leased by the University	6,160	6,595.50
Reserved for University use	680	40.00
Total Acreage	<u>8,227</u>	<u>8,018.40</u>
C. Automobile registrations on campus		
Faculty	921	808
Staff	1,418	1,658
Students	1,869	2,287
Total	<u>4,208</u>	<u>4,753</u>



Table 6: Statement of source of special funds for research

<i>Granting agency</i>	<i>1968-69</i>	<i>1969-70</i>
Federal government departments and agencies:		
National Research Council	\$ 3,412,201	\$ 3,466,579
Medical Research Council	1,240,298	1,308,043
Health and Welfare	64,520	36,000
Defence Research Board	127,662	113,350
Agriculture	86,525	67,122
Canada Council	196,827	202,645
Geological Survey of Canada	30,710	13,880
Other	93,018	129,025
Total	<u>\$ 5,251,761</u>	<u>\$ 5,336,644</u>
Provincial government departments and agencies:		
Agriculture	\$ 233,239	\$ 270,725
Public Health	258,310	274,756
Human Resources Research Council		131,999
Attorney General	25,000	25,000
Total	<u>\$ 516,549</u>	<u>\$ 702,480</u>
Municipalities, schools and counties	\$ 18,435	\$ 15,959
United States government	\$ 21,696	\$ 9,562
Associations, foundations, institutes, etc.:		
National Cancer Institute	\$ 259,803	\$ 260,202
United States	149,459	30,370
Alberta Heart Foundation	155,890	186,497
Edmonton Civic Employees' Welfare Chest Fund	20,000	20,000
Alberta Dairy Association	38,095	17,563
Muscular Dystrophy Association	59,420	58,930
Canadian Association of Retarded Children	43,225	42,482
Tri-University Meson Facility (TRIUMF)	90,000	325,000
Research Council of Alberta	13,000	
Other	98,809	103,102
Total	<u>\$ 927,701</u>	<u>\$ 1,044,146</u>
Business and Industry:		
Canada	\$ 104,748	\$ 177,488
United States	19,588	3,490
Total	<u>\$ 124,336</u>	<u>\$ 180,978</u>
The University of Alberta operating budget	\$ 284,450	\$ 270,236
Revenue, surgical medical research institute	\$ 22,768	\$ 20,059
Individuals	\$ 9,803	\$ 10,010
Other	\$ 3,200	\$ 9,451
Total	<u><u>\$ 7,180,699</u></u>	<u><u>\$ 7,599,525</u></u>

*Table 8: Student aid provided by the University*

<i>Amounts paid to students through the university operating budget</i>	<i>1968-69</i>	<i>1969-70</i>
As grants, scholarships, bursaries, remission of fees, etc.	\$ 976,370	\$ 1,209,623
For services performed:		
To graduate teaching assistants	2,346,316	2,814,630
To graduate research or graduate service assistants	610,251	727,561
Other	<u>495,322</u>	<u>575,556</u>
Total	<u>3,451,889</u>	<u>4,117,747</u>
Total financial assistance	<u>\$ 4,428,259</u>	<u>\$ 5,327,370</u>

*Note:* In addition to the amounts shown above, other scholarships, bursaries, grants, prizes and awards are provided from special trust funds.

*Table 7: Statement of tuition and other student fees, 1969-70*

<i>Program</i>	<i>Fee</i>
I. Winter Session (full-time students only)	
A. Undergraduate programs:	
1. General fees:	
Students' Union (except as noted below)	\$ 27.50 per session
Students' Union: full-time students in Dentistry, Education (B.Ed./AD and Diploma programs), Law and Medicine (M.D. and B.Sc. in Medicine programs)	\$ 20.00 per session
University Athletic Board	\$ 8.00 per session
2. Instructional Fees:	
(a) Agriculture, Arts, Business Administration and Commerce, Dental Hygiene, Education, Household Economics, Law, Library Science, Medical Laboratory, Science (1st, 2nd, 4th years), B.Sc. in Medicine, Nursing (degree course, diploma course after hospital graduation, 5th year of 5-year degree course), Pharmacy, Physical Education, Rehabilitation Medicine, Science	\$ 400.00 per session
(b) Engineering	\$ 500.00 per session
(c) Dentistry, Medicine (M.D. program only)	\$ 600.00 per session
(d) B.Sc. in Medical Laboratory Science (3rd year only)	\$ 200.00 per session
(e) Nursing (certificate course in Advanced Obstetrics)	\$ 150.00 per session
(f) Nursing (4th year of 5-year degree course)	Gratis
B. Graduate programs:	
1. General fees:	
Registration	\$ 10.00 per session
Graduate Students' Association	\$ 2.00 per session
Students' Union, full membership	\$ 20.00 per session
Building privileges only	\$ 10.00 per session
University Athletic Board	\$ 8.00 per session
Re-admission fee (where appropriate)	\$ 50.00 per session
2. Instructional fees: (Total fee for program period)	
(a) Ph.D. or Ed.D. (2 years after masters)	\$1,000.00
(b) Ph.D. or Ed.D. (3 years after honors bachelor)	\$1,500.00
(c) Masters (1 year after 4-year bachelor)	\$ 500.00
(d) M.Ed. (3 sessions, residence credit obtained in summer)	\$ 750.00
(e) Qualifying year (1 year after 3-year bachelor)	\$ 500.00
(f) Subsequent years for all doctoral and masters candidates	\$ 40.00



## II. Summer Session students and Winter Session part-time students

### A. Undergraduate programs:

Instruction—all faculties and schools (except as noted below)	
per course	\$ 135.00
Instruction—Engineering, per course	\$ 170.00
Instruction—Dentistry and Medicine)	
(M.D. program only) per course	\$ 200.00
Students' Union	\$ 5.00
Registration (Winter Session part-time only)	\$ 2.00

### B. Graduate programs:

Instruction—per course	\$ 170.00
Registration	\$ 10.00
Students' Union	\$ 5.00
Thesis only	\$ 40.00

## III. Evening Credit Program

### A. Undergraduate programs:

Instruction—Arts, Business Administration and Commerce,	
Education, Nursing, Science, per course	\$ 135.00
Instruction—Engineering, per course	\$ 170.00

### B. Graduate programs:

Instruction, per course	\$ 170.00
Registration	\$ 10.00
Thesis only	\$ 40.00

## IV. Special fees

### Visé Fee

(Except Graduate Studies)

Canadian outside Alberta	\$ 5.00
Others	10.00

Late Registration 3.00 + \$1.00 a day

Late Payment of Fees 5.00

### Examinations (each subject)

Deferred Final	5.00
Special Deferred Final	40.00
Supplemental	10.00
Special Supplemental	40.00
Examination at outside centre	5.00
Re-appraisal of marks	10.00

Transcript of Record 1.00 + 50 cents for  
each additional copy

Indexing and microfilming of doctoral thesis by the  
National Library of Canada 5.00

Table 9: Enrolment of full-time students, Winter Session

Program	First year			Second year <sup>2</sup>	Third year
	Freshmen <sup>1</sup>	Other	Total		
Undergraduate					
Agriculture	90	20	110	105	74
Arts	1,049	103	1,152	1,018	802
Science	928	94	1,022	748	477
Business Administration and Commerce	338	61	399	303	201
Dentistry					
Dental Hygiene	22	3	25	21	
Education	919	56	975	1,110	853
Engineering	413	51	464	351	291
Household Economics	94	1	95	129	106
Law					
Library Science					
Medicine					
Medical Laboratory Science	31		31	18	21
Nursing	63	12	75	36	27
Pharmacy	67	4	71	79	68
Physical Education	181	7	188	146	138
Rehabilitation Medicine	57	15	72	50	45
Total	<u>4,252</u>	<u>427</u>	<u>4,679</u>	<u>4,114</u>	<u>3,103</u>
Graduate Student					
Masters Candidates					
Doctoral Candidates					
Total					
Total 1969-70	4,252	427	4,679	4,114	3,103
Total 1968-69	3,708	597	4,305	3,567	2,782

1. Freshmen cannot be accurately calculated and are therefore a close estimate.
2. Figures include 51 freshmen in second year of B.Ed. in Vocational Education program in 1969-70, and 83 in 1968-69 and 40 freshmen in second year Engineering program in 1969-70.
3. Figures include 416 students in B.Ed. after degree program, 67 in Diploma in Education program, and 42 in Diploma in Public Health and Teaching Supervision programs in 1969-70 and 69 in 1968-69.
4. Figures include 164 Post-Graduate Medical Education program students.

Fourth year	Other <sup>3</sup>	Professional years	Total		Total	
			Male	Female	1969-70	1968-69
87			341	35	376	366
133			1,495	1,610	3,105	2,718
172			1,917	502	2,419	1,996
186			1,034	55	1,089	914
		193	190	3	193	203
				46	46	46
641	495		1,573	2,501	4,074	3,823
225			1,318	13	1,331	1,148
				330	330	308
		307	274	33	307	246
		40	4	36	40	42
		584 <sup>4</sup>	495	89	584	399
14			7	77	84	78
24	184		2	344	346	309
57			114	161	275	227
22			307	187	494	420
	6		6	167	173	140
<u>1,561</u>	<u>685</u>	<u>1,124</u>	<u>9,077</u>	<u>6,189</u>	<u>15,266</u>	<u>13,383</u>
			961	293	1,254	1,130
			724	110	834	669
			<u>1,685</u>	<u>403</u>	<u>2,088</u>	<u>1,799</u>
1,561	685	1,124	10,762	6,592	17,354	
1,194	645	890	9,449	5,733		15,182



Table 10: Enrolment of part-time students

Faculty or School	Undergraduates		
	Day	Evening	Summer
Agriculture	11	2	11
Arts	146	305	402
Science	90	88	172
Business Administration and Commerce	22	46	33
Dentistry			
Dental Hygiene		2	1
Education	187	1,618	3,030
Engineering	18	14	5
Household Economics	4	4	40
Law			1
Library Science			
Medicine	2		2
Medical Laboratory Science	3		2
Nursing	141	64	53
Pharmacy	4	1	9
Physical Education	7	5	33
Rehabilitation Medicine	4	2	2
Total 1969-70	639	2,151	3,796
Total 1968-69	603	1,844	3,659

Table 11: Enrolment of full-time graduate students

Program
Agriculture
Arts
Science
Business Administration and Commerce
Dentistry
Education
Engineering
Household Economics
Law
Medicine
Pharmacy
Physical Education
Total 1969-70
Total 1968-69

<i>Graduate Students</i>			<i>Total</i>		<i>Total</i>	
<i>Day</i>	<i>Evening</i>	<i>Summer</i>	<i>Male</i>	<i>Female</i>	<i>1968-69</i>	<i>1969-70</i>
28			46	6	40	52
167		35	544	511	1,030	1,055
73		15	339	99	425	438
26	2		117	12	130	129
2			2			2
				3		3
130	41	249	2,273	2,982	4,846	5,255
33			70		60	70
				48	45	48
			1			1
					1	
13		2	13	6	15	19
			1	4	5	5
			7	251	217	258
5			10	9	10	19
7	1	24	56	21	70	77
			4	4	6	8
484	44	325	3,483	3,956		7,439
446	56	292	3,343	3,557	6,900	

<i>Masters candidates</i>	<i>Doctoral candidates</i>	<i>Total</i>		<i>Total</i>	
		<i>Male</i>	<i>Female</i>	<i>1968-69</i>	<i>1969-70</i>
78	46	108	16	136	124
348	202	374	176	462	550
288	301	508	81	549	589
61		59	2	52	61
4		4		2	4
229	115	259	85	245	344
133	81	210	4	188	214
3		1	2	1	3
3		3			3
47	58	86	19	87	105
13	14	20	7	25	27
47	17	53	11	52	64
1,254	834	1,685	403		2,088
1,130	669	1,491	308	1,799	

Table 12: Enrolment, 1959-60 to 1969-70

Year	Full-time students			Part-time students			Total enrolment
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	
1959-60	4,900	437	5,337	3,742	189	3,931	9,268
1960-61	5,511	557	6,068	4,079	198	4,277	10,345
1961-62	6,198	610	6,808	4,330	212	4,542	11,350
1962-63	6,791	626	7,417	4,161	265	4,426	11,843
1963-64	7,451	734	8,185	4,747	330	5,077	13,262
1964-65	8,394	940	9,334	5,184	482	5,666	15,000
1965-66	9,149	1,125	10,274	5,298	521	5,819	16,093
1966-67	10,207	1,282	11,489	5,827	627	6,454	17,943
1967-68	11,478	1,549	13,027	5,438	719	6,157	19,184
1968-69	13,383	1,799	15,182	6,106	794	6,900	22,082
1969-70	15,266	2,088	17,354	6,586	853	7,439	24,793

Table 13: Full-time enrolment by level of program and by Faculty or School, 1967-68, 1968-69, and 1969-70

Faculty or School	Undergraduate students			Graduate students		
	1967-68	1968-69	1969-70	1967-68	1968-69	1969-70
Agriculture	353	366	376	110	136	124
Arts	2,275	2,718	3,105	387	462	550
Science	1,600	1,996	2,419	496	549	589
Business Administration and Commerce	764	914	1,089	31	52	61
Dentistry	185	203	193	1	2	4
Dental Hygiene	43	46	46			
Education	3,233	3,823	4,074	219	245	344
Engineering	1,124	1,148	1,331	160	188	214
Household Economics	296	308	330	3	1	3
Law	224	246	307	1		3
Library Science		42	40			
Medicine	374	399	584	67	87	105
Medical Laboratory Science	67	78	84			
Nursing	220	309	346			
Pharmacy	226	227	275	28	25	27
Physical Education	368	420	494	46	52	64
Rehabilitation Medicine	126	140	173			
Total	11,478	13,383	15,266	1,549	1,799	2,088



<i>Total</i>		
<i>1967-68</i>	<i>1968-69</i>	<i>1969-70</i>
463	502	500
2,662	3,180	3,655
2,096	2,545	3,008
795	966	1,150
186	205	197
43	46	46
3,452	4,068	4,418
1,284	1,336	1,545
299	309	333
225	246	310
	42	40
441	486	689
67	78	84
220	309	346
254	252	302
414	472	558
126	140	173
13,027	15,182	17,354

Table 14: Enrolment of full-time students by home address

Home	Freshmen		Other undergraduates		Graduates		Total	
	Number	Per cent of total	Number	Per cent of total	Number	Per cent of total	Number	Per cent of total
From Alberta by Census Division*								
1. Medicine Hat	29	.7	91	.8	6	.3	126	.7
2. Lethbridge	100	2.3	251	2.3	17	.8	368	2.1
3. Cardston	26	.6	73	.7	4	.2	103	.6
4. Hanna	13	.3	26	.2			39	.2
5. Drumheller	10	.2	39	.4	2	.1	51	.3
6. Calgary	218	5.0	628	5.8	42	2.0	888	5.1
7. Wainwright	60	1.4	182	1.7	4	.2	246	1.4
8. Red Deer	101	2.3	420	3.8	22	1.1	543	3.1
9. Mountain	19	.4	47	.4	4	.2	70	.4
10. Camrose	184	4.2	518	4.7	26	1.2	728	4.2
11. Edmonton	2,843	65.5	7,014	64.3	1,203	57.7	11,060	63.8
12. Bonnyville	120	2.8	245	2.2	5	.2	370	2.1
13. Athabasca	116	2.7	200	1.8	9	.4	325	1.9
14. Edson	47	1.1	95	.9	2	.1	144	.8
15. Peace River	96	2.2	341	3.1	9	.4	446	2.6
Total from Alberta	3,982	91.7	10,170	93.1	1,355	64.9	15,507	89.3
From other parts of Canada:								
1. Other western provinces	195	4.5	382	3.5	103	4.9	680	3.9
2. Eastern provinces	55	1.3	107	1.0	142	6.8	304	1.8
Total other provinces	250	5.8	489	4.5	245	11.7	984	5.7
Total from Canada	4,232	97.5	10,659	97.6	1,600	76.6	16,491	95.0
From other countries:								
1. United States	17	0.4	19	.2	89	4.3	125	.7
2. Commonwealth countries	84	1.9	185	1.7	247	11.8	516	3.0
3. Other countries	10	0.2	60	.5	152	7.3	222	1.3
Total from other countries	111	2.5	264	2.4	488	23.4	863	5.0
Grand Total	4,343	100.0	10,923	100.0	2,088	100.0	17,354	100.0

\* The census divisions do not actually have names. The names have been added to give the reader a general idea of where the census division is; the name is usually that of the major city or town within the division.

Table 15: Degrees and Diplomas awarded

Degrees awarded	Fall 1969	Spring 1970	Total 1968-69	Total 1969-70
B.A.	147	557	602	704
B.A., Recreational Administration	1	16	13	17
B.Com.	10	147	132	157
B.D.			5	
B.Ed.	413	523	864	936
B.Ed., Industrial Arts	13	8	18	21
B.Ed., Vocational Education	27	23	72	50
B.F.A.	4	9	14	13
B.L.S.		40	42	40
B.Mus.		9	16	9
B.P.E.	20	30	76	50
B.Sc.	52	324	455	376
B.Sc., Agriculture		79	75	79
B.Sc., Chemical Engineering	3	43	32	46
B.Sc., Civil Engineering		44	46	44
B.Sc., Electrical Engineering	2	58	50	60
B.Sc., Food Science		5	1	5
B.Sc., Household Economics	11	93	80	104
B.Sc., Mechanical Engineering	2	49	42	51
B.Sc., Medical Laboratory Science		13	8	13
B.Sc., Metallurgical Engineering		7	2	7
B.Sc., Mining Engineering		5	2	5
B.Sc., Nursing	17	157	109	174
B.Sc., Pharmacy	2	59	29	61
LL.B.	1	71	55	72
M.A.	82	35	102	117
M.B.A.	12	7	7	19
M.Ed.	81	36	106	117
M.Eng.	5	3	8	8
M.Mus.	1	2	1	3
M.Sc.	100	60	172	160
D.D.S.		42	53	42
M.D.		96	89	96
Ph.D.	87	66	127	153
Total	1,093	2,716	3,505	3,809
Diplomas awarded				
Nursing	118	111	125	229
Public Health Nursing	1	19	37	20
Nursing, Teaching and Supervision		11	18	11
Music, Associate			10	
Physical Therapy		29	21	29
Occupational Therapy		14	12	14
Dental Hygiene		19	21	19
Education	53	60	92	113
Special Diploma in Education		24	35	24
Total	172	287	371	459
Total, degrees and diplomas awarded	1,265	3,003	3,876	4,268

Table 16: Courses offered

Type of course	1967-68	1968-69	1969-70
Winter session <sup>1</sup>	156	171.5	182.5
Lower level undergraduate <sup>2</sup>	804	876	942
Upper level undergraduate <sup>3</sup>	960	1,047.5	1,124.5
Sub-total	443.5	503	570.5
Graduate	1,403.5	1,550.5	1,695
Total	153	147.5	162.5
Summer Session <sup>1</sup>	58	55	50.5
Evening Credit <sup>1</sup>	323 <sup>5</sup>	392 <sup>4</sup>	354 <sup>6</sup>
Extension <sup>4</sup>			

1. Full year equivalent courses

2. Includes courses numbered 100 to 299

3. Includes courses numbered 300 to 499

4. Length of Extension courses varies widely

5. Includes one correspondence course

6. Includes two correspondence courses

Table 17: Number of faculty members in Faculties and Schools,<sup>1</sup> on or about December 1, 1969

Faculty or School	Full-time permanent faculty on campus <sup>2</sup>						Total
	Deans	Directors	Professors	Associate Professors	Assistant Professors	Lecturers, Instructors	
Agriculture	1		20	17	20		58
Arts	1		42	85	146	13	287
Business							
Administration and Commerce	1		1	16	8		26
Dentistry	1	1	6	16	5	3	32
Education	1		19	64	36		120
Engineering	1		22	38	15		76
Graduate Studies	1		2				3
Household Economics		1		5	8	3	17
Law	1		5	4	8		18
Library Science		1		4			5
Medicine	1		32	40	34	4	111
Nursing		1		1	7	11	20
Pharmacy	1		4	2	7		14
Physical Education	1		4	9	10	5	29
Rehabilitation Medicine		1		1	5	6	13
Science			65	62	74	2	203
Total Faculties and Schools, December, 1969.	11	5	222	364	383	47	1,032
Total December, 1968.	11	5	192	334	332	41	915

1. Number paid from University funds only. There are, in addition, those faculty members who are paid from non-University funds such as research grants.



<i>Full-time temporary faculty</i>	<i>Total full-time faculty on campus</i>	<i>Full-time permanent faculty on leave</i>	<i>Part-time faculty</i>		<i>Total part-time</i>	<i>Post Doctoral Fellows</i>
			<i>Graduate Assistants</i>	<i>Lecturers, Instructors</i>		
6	64	6	59	1	60	6
57	344	38	457	45	502	7
13	39	5	39	14	53	
	32	3	3	62	65	
26	146	15	245	14	259	1
4	80	1	163	12	175	13
	3					
3	20	2	2	8	10	
	18	1	4	6	10	
2	7					
22	133	1	56	388	444	8
5	25	1		2	2	
1	15	1	16	4	20	2
7	36	4	42	5	47	
	13			10	10	
30	233	15	454	32	486	26
176	1,208	93	1,540	603	2,143	63
140	1,055	75	1,276	566	1,842	52

2. Administrative and Professional Officers not included: there were 45 such staff members in Faculties and Schools.

*Table 18: Comparative analysis of faculty and staff, 1964-65 to 1969-70, on or about December 1, each year*

<i>Category</i>	<i>1964-65<sup>1</sup></i>	<i>1965-66</i>	<i>1966-67</i>	<i>1967-68</i>	<i>1968-69</i>	<i>1969-70</i>
Full-time faculty and staff:						
In faculties and schools:						
Permanent faculty on campus	600	675	737	835	915	1,032
Temporary faculty	60	70	107	101	140	176
Sub-total, faculty on campus	660	745	844	936	1,055	1,208
Administrative & Professional Officers					30	45
Non-academic staff	450	514	685	779	909	1,034
Total in faculties and schools	1,110	1,259	1,529	1,715	1,994	2,287
In libraries:						
Professional librarians	35	38	40	52	64	79
Non-academic staff	97	126	175	224	232	277
Total in libraries	132	164	215	276	296	356
In other departments:						
Academic staff	47	48	53	64	76	126
Non-academic staff	780	867	969	1,224	1,206	1,726 <sup>2</sup>
Total in other departments	827	915	1,022	1,288	1,282	1,852
Total full-time faculty and staff on campus	2,069	2,338	2,766	3,279	3,572	4,495
Full-time faculty and staff on leave	33	41	53	65	80	96
Part-time faculty and staff:						
In faculties and schools:						
Part-time faculty	1,070	1,253	1,414	1,610	1,842	2,143
Post-doctoral fellows	4	7	42	58	52	63
Sub-total, part-time faculty on campus	1,074	1,260	1,456	1,668	1,894	2,206
Non-academic staff	100	124	168	162	100	120
Total in faculties and schools	1,174	1,384	1,624	1,830	1,994	2,326
In libraries and other departments:						
Part-time academic staff	10	12	23	34	25	21
Non-academic staff	200	232	295	391	450	30 <sup>2</sup>
Total in libraries and other departments	210	244	318	425	475	51
Total part-time faculty and staff	1,384	1,628	1,942	2,255	2,469	2,377
Total persons employed by the University	3,486	4,007	4,761	5,599	6,121	6,968
Faculty and staff employed on trust accounts		458	536	670	655	675

1. Figures for 1964-65 are estimates

2. The large increase, 1969-70 vs 1968-69, in full-time non-academic staff in other departments is due largely to reclassifying hourly staff working on a full-time basis as "full-time" instead of as "part-time". There is a corresponding decrease in part-time non-academic staff in other departments.

Table 19: Miscellaneous faculty data

Full-time faculty turnover	1967-68	1968-69	1969-70
Number appointed	158	152	224
Number retired	0	1	2
Number resigned	49	46	79
Number died	5	3	5
Net increase in full-time faculty	104	102	138

	Minimum 1968-69	Maximum 1968-69	Minimum 1969-70	Maximum 1969-70
Full-time faculty annual salary schedule, by rank				
Professor	\$17,500		\$18,600	
Associate Professor	13,000	\$17,450	13,800	\$18,550
Assistant Professor	9,500	12,950	10,300	13,750
Lecturer	7,000	9,450	7,500	10,250
Mean full-time faculty salaries		\$14,620		\$15,723

Table 20: Library data for the year ending March 31, 1970

	1968-69	1969-70
The collection:		
Volumes in collection at end of year <sup>1</sup>	838,924 <sup>2</sup>	975,487 <sup>2</sup>
Volumes acquired during year <sup>1</sup>	118,582 <sup>2</sup>	136,563
Value of volumes acquired during year <sup>3</sup>	\$ 1,465,419	\$ 1,888,199
Volumes circulated during year <sup>4</sup>	762,094	858,743
Number of staff: <sup>5</sup>		
Professional librarians	61 <sup>6</sup>	78½ <sup>7</sup>
Other staff	252	301
Total library staff	313	379½

1. Volume refers to accessioned physical volumes, books or bound periodicals, which have reached the accessioning point in the processing routines.
2. These figures do not include two collections of Western Americana, amounting to approximately 20,000 volumes, purchased but not processed during the calendar year 1968.
3. Cost figures indicate the amount spent on all library materials during the year. Some materials do not appear in the count of accessioned volumes.
4. Figures supplied are for all items circulated through the manual and automated circulation systems.
5. In addition 9 positions were unfilled due to the shortage of qualified librarians available.
6. In addition 6 positions were unfilled due to the shortage of qualified librarians available.
7. Figures for staff numbers do not agree with Table 18 as the two tables are calculated on different dates.



# Report of the President

The year 1969-70, the last year of a decade of tremendous growth for The University of Alberta, was a year of crisis and congratulation for the University. The decade from 1960 to 1969 will be known as the decade during which the crisis of numbers dominated the thinking of universities, and the major part of our effort had to be directed to obtaining the staff and facilities to accommodate a student enrolment which tripled in ten years.

The 3AU Fund Drive which was embarked upon in November, 1968, by the Universities of Alberta, Calgary and Lethbridge, reached its halfway point in June, 1970. Over 12 million dollars had been collected at that date from industry, alumni, and other friends of the universities. The objective of 25 million dollars by 1973 will be pursued by the Fund Development Office, which was established in 1969.

The physical growth of the campus has continued in efforts to match the needs created by expanded student population. New buildings coming into use during the past year include Phase I of the New Engineering Centre, the Clinical Sciences Building, and the North Wing of Cameron Library. As the year drew to a close, Car Park I, the expansion to the Physical Education Building, the Biological Sciences Building, and the Central Academic Building were being completed for occupancy in the fall of 1970. The Law Centre, Basic Medical Sciences (Phase I), and Car Park II were also under construction.

1969-70 was the first year of existence for the Departments of Comparative Literature, Linguistics, and Germanic Languages, created out of the former Division of General Linguistics. A new masters program in visual arts in the

Department of Art was approved, and also a forestry program in the Faculty of Agriculture. This program includes options in related areas of forest control, such as environmental pollutants and forest range management.

In 1969-70, a total of 577 graduate degrees was awarded, including 153 doctor of philosophy and 423 masters degrees. In all 2,790 students were registered in graduate studies in the report year, a dramatic growth from the 334 who comprised the Faculty in 1956-57.

The University Library has acquired its one-millionth volume, making this the fourth university in Canada with a library of one million volumes or more.

The *Atlas of Alberta* edited by Janus Klawe, Professor of Geography, was published in January, 1970, by the University of Alberta Press. A product of six years of work by the Department of Geography and the Provincial Department of Lands and Forests, the *Atlas* has been widely acclaimed for its professional and technical quality and is recognized for its regional importance. The University of Alberta Press has published one other book and has several in preparation stages.

A negotiated development grant of \$700,000 has been received by the University from the National Research Council to aid in the establishment of an interdisciplinary Institute of Earth and Planetary Physics. J. A. Jacobs, Killam Memorial Professor of Science, has been appointed Director of the Institute. The Departments of Physics and Geography will share in developing a major meteorological research group.

Another developing research project is the transplantation immunology group which was established within the Faculty of Medicine. The Medical Research Council will make available \$1,500,000 over a five year period to support research by a team of scientists headed by J. B. Dossetor, Professor of Medicine, and Erwin Diener, Professor of Pathology.

Professor Emeritus of Architecture Cecil Scott



LE 3 A58 1969/1970  
UNIVERSITY OF ALBERTA BOARD OF  
GOVERNORS  
REPORT

39684152 HSS ST



\*000023316078\*

41

Burgess approached his one-hundredth birthday as the report year closed. Mr. Burgess has been retired for thirty years; he designed Pembina Hall, and supervised the construction of several more of our buildings. Ralph Shaner has concluded his fiftieth year of active service in the Department of Anatomy and continues to make worthwhile contributions to the University.

When one stops to assess the accomplishments of Canadian universities during the 1960's, it can be seen that there is still much left to do. University education is accessible to only about 15 per cent of the university age group, about three-tenths of the corresponding percentage for the United States. Canada must greatly increase the accessibility of its universities to the college age group, and must make a university education available to the economically disadvantaged people in Canada. The universities would also like to continue to improve the quality of their educational programs, something that is neither easy nor inexpensive to accomplish.

During the 1960's university enrolments in Canada increased at an annual rate of 12 per cent and operating expenditures increased at a corresponding rate of 24 per cent, both rates being far greater than the annual rate of population growth and the corresponding rate of growth of the gross national product. Such exponential rates of growth are frightening, particularly to the various governments in Canada, and more and more the concept of accountability is being stressed as an absolute necessity in the control of university expenditures. An analysis of the financial implications of the crisis of numbers and the relentless inflationary pressures of the past decade must yield the conclusion that present levels of expenditure are reasonable and the solution to the problems of financing our educational institutions will not be found in lowering these present levels.

The problem is the seemingly relentless exponential growth in student enrolment in

universities and the even greater exponential in the financial requirements of our educational institutions. As we enter a new decade, it is reasonably certain that the present rates of expenditure will decrease, but in spite of this decrease the people of Canada face vast expenditures of money which must be found if our educational institutions are to play the important role that has been assigned to them.

*Max Wyman*

President



C49

